

General Specifications	
Engine	
Engine Type	4-stroke, 4-cylinder, DOHC, Liquid cooled, 16-Valve
Displacement	1052 cc
Bore x Stroke	76.0 x 58.0 mm
Compression Ratio	11.0:1
Carburetor	Keihin CVKD40(4) Constant velocity, Diaphragm-type
Ignition System	12 V Battery & Coil, Transistorized Breakerless
Ignition Advance	Electronic
Crankshaft Rotation	Clockwise from RH side
Cylinder Number Method	Left to Right: 1-2-3-4
Firing Interval/Order	180° /1-2-4-3
Cylinder Material	Aluminum alloy with ferrous sleeves
Fuel	Min 91 Research/87 Avg. Oct. Unleaded OK
Coolant	50% distilled water /50% ethylene glycol base antifreeze.
—Capacity	2.5 liter
—Level	Level with radiator filler neck.
Transmission	
Clutch Type	Wet, Multi-disc, Manual
Transmission	6-speed, Constant mesh, Return shift
Shift Pattern(Bottom up)	1-N-2-3-4-5-6 (w/Neutral Finder)
Gear Ratios	—1st 2.80 (42/15)
—2nd	2.05 (37/18)
—3rd	1.59 (35/22)
—4th	1.33 (32/24)
—5th	1.15 (30/26)
—6th	1.04 (29/28)
Primary Ratio	1.64 (95/58)
Final Ratio	2.65 (45/17)
Overall Ratio (Top Gear)	4.49
Chassis	
Wheelbase	1495 mm
Seat Height	780 mm
Ground Clearance	110 mm
Dry Weight	233 kg (US,CN) 233.5 kg (CA)
Curb Weight	269 kg (US,CN) 269.5 kg (CA)
Max Recom Load	180 kg
Fuel Tank Capacity	24 liter
Tire Size	—Front 120/70ZR17 Tubeless
—Rear	180/55ZR17 Tubeless
Brake Type	—Front Dual Hydraulic Disc
—Rear	Single Hydraulic Disc
Brake Size	—Front 285 mm Effective Diameter
—Rear	217 mm Effective Diameter
Wheel Travel	—Front 120 mm
—Rear	112 mm

Model Identification	
Year & Model	'00 ZX1100-D8:NINJA (ZX-11)
Color	① Candy Wine Red (H3) ② KMM. Candy Wine Red (TF)
VIN Range	JKAZXBD1 ✓XA069001 — (Japan Mfg) JKAZXBD1 ✓XB512201 — (USA Mfg)
Engine No. Range	ZXT10CE000001 —
Engine No. Location	RH top crankcase, below cylinder
Tuning Specifications	
Engine	
Valve Clearance (Cold)	Intake: 0.13-0.19 mm Exhaust: 0.18-0.24 mm
—Adjustment Method	Slide rocker/shim
Compression Pressure	182 psi
Spark Plug	NGK CR9E or ND U27ESR-N (USA)
—Gap	.7-.8 mm
Ignition Timing—Idle	7.5° BTDC (“F” mark) at 1,000 rpm (US, CN) 7.5° BTDC (“F” mark) at 1,200 rpm (CA)
—Full	40° BTDC (in double marks) at 6,000 rpm
Pilot Screw	Sealed—not adjustable
Idle Speed	1000 ±50 rpm (US,CN) 1200 ±50 rpm (CA)
Engine Oil	SE Class SAE 10W40, 10W50, 20W40, 20W50
—w/Filter Change	3.5 liter
—No Filter Change	3.0 liter
—Level	On center stand, wait 5 min, middle of window
Chassis	
Fork Oil	SAE 10W20
—Capacity	467 cc, each
—Level	131mm
Fork Air Pressure (Cold)	0.0 kg/cm ² , max 2.5 kg/cm ²
Rear Suspension Pressure	0.0 kg/cm ² , max 2.5 kg/cm ²
Tire Pressure (Cold)	—Front 2.90 kg/cm ² (41 psi)
—Rear	2.90 kg/cm ² (41 psi)
Drive Chain Slack	30-40 mm (on center stand, tightest point, STD)